

What is claimed is:

1. An electrical connector comprising:
first and second contacts coupled to the connector and adapted to slidably
engage corresponding contacts in a mating connector for receiving electrical power;
5 a module of insulating material adapted to be coupled to the electrical
connector;
indexing means coupled to the module to orient the module relative to the
electrical connector;
a series circuit having light emitting means supported by the module of
10 insulating material and coupled across the first and second contacts for indicating the
presence or absence of electrical power.
2. The electrical connector of claim 1 wherein the first and second contacts
are prongs of a plug.
3. The electrical connector of claim 2 wherein the module of insulating
15 material is adapted to be located within the electrical connector and attached to a portion
of the connector coupled to the prongs.
4. The electrical connector of claim 3 wherein the light emitting means
comprises an LED.
5. The electrical connector of claim 4 wherein the series circuit further
20 comprises a resistor and a diode in series with the LED.
6. The electrical connector of claim 5 wherein the series circuit is connected
directly to the prongs of the plug.
7. The electrical connector of claim 5 wherein the electrical connector has a
window located to allow light from the LED to pass therethrough.

8. The electrical connector of claim 7 further comprising a lens located in the window.

9. The electrical connector of claim 8 wherein the lens located in the window is clear.

5 10. The electrical connector of claim 8 wherein the lens located in the window is colored.

11. The electrical connector of claim 7 further comprising yieldable conducting members positioned to connect the ends of the series circuit to the first and second contacts.

10 12. The electrical connector of claim 11 wherein the yieldable members comprise conductive springs.

13. The electrical connector of claim 12 wherein the conductive springs contact the top ends of the prongs.

14. A method of indicating that a connector is connected to a live source of
15 electrical power comprising the steps of:
connecting a circuit having a light emitting means between contacts of the
connector which are adapted to slidably engage contacts in a mating connector;
locating the light emitting means within the connector; and
providing a window in the connector to allow light from the light emitting
20 means to exit the connector for indicating if power is being fed to the connector.

15. The method of claim 14 wherein the circuit comprises a resistor and a diode in series with the light emitting means.

16. The method of claim 15 wherein the series circuit is coupled through conductive springs directly to the contacts of the connector; the light emitting means comprises an LED; and the window in the connector has a lens.